USER MANUAL

HDMI Extender over single CAT5E/6

1、Introduction

Used for a pair extension of this HDMI CAT 5e / 6 cable to extend HD signal up to 60 meters, and can achieve 1080P, which not only broke the HDMI cable transmission length limitations, but also more convenient and flexible, the majority of customers are more cost savings. The production equipment company providing solutions for the following applications: such as noise, limited transmission distance and safety of the place, data center control, information distribution, conference room presentations and teaching environment and corporate training sites.

Our devices offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

2、FEATURES

1. Support HDMI 1.3 protocol
2. HDCP 1.2 protocol compliant
3. Study EDID function，Support 3D
4. Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
5. Signal transmission: Single cat-6e or cat-6(recommended) cable up to 60 meters
6. Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
7. Audio format support : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
8. Support up to 5metres AWG26 cable length between extender and source & sink device
9. No loss of quality

3、SPECIFICATIONS

Length of CAT-5E or CAT-6	Up to 60 metres

cable between Rx and TX	
HDMI Input	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format output	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max transmission bandwidth	5.1Gbps
Input Video signal	0.5~1.5Volts p-p
Output DDC signal	5Volts p-p (TTL)
Input/Output HDMI1.3 cable distance	.≤20m AWG26 HDMI 1.3 standard cable
Max working current	400mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1 A
Operating Temperature range	(-15 to +55℃)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	72X69X25 (mm)
Weight	0.37Kg
Gross weight	0.64kg
BoxDimension(LXWXH)	250X220X60(mm)

4、Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit No. 1 HDMI Sender
2) Main unit No. 2 HDMI Receiver
3) Two pieces of 5V DC Power Supply.
4) User’s Manual

5、 CONNECTING AND OPERATING

1、 Connect one HDMI 1.3 cable up to 20 meters between source device and TX Extender.

2、 Connect one HDMI 1.3 cable up to 20 meters between sink device and RX Extender

3、 Connect single cat-5e or cat-6(recommended) cables up to 60 meters instead of HDMI cable between TX and RX Extender

4 、Connect 5V power supply to the HDMI CAT60RX&TX Extender

5、Learning EDID, the display device connected to the TX, long press for 3 seconds EDID, status indicator light flashing, copy is complete, (note: if there is no access to display devices, will restore the system default EDID)